

TCPP Chronic Perinatal Study-Rats

Table 1: PND 1 Litter Size and Pup Body Weight Data

Parameter ^{d,j,k,l}	Control	2500 ppm	5000 ppm	10000 ppm	20000 ppm	Trend ^a
Litter Size^b						
Total (Live+Dead)	13.30 ± 0.35 [30]	12.58 ± 0.38 [33]	12.46 ± 0.45 [35]	11.59 ± 0.60 [32]	12.65 ± 0.51 [34]	0.300-
Live Male	6.67 ± 0.48 [27]	6.19 ± 0.34 [32]	6.03 ± 0.28 [34]	6.72 ± 0.45 [29]	6.26 ± 0.42 [34]	0.651+
Live Female	6.19 ± 0.36 [27]	6.19 ± 0.32 [32]	6.38 ± 0.43 [34]	4.83 ± 0.36 [29]	6.18 ± 0.42 [34]	0.399-
Live (Male+Female)	12.93 ± 0.40 [30]	12.39 ± 0.41 [33]	12.29 ± 0.45 [35]	11.41 ± 0.61 [32]	12.44 ± 0.59 [34]	0.501-
Total Dead Pups ^{g,i}	12 [9]	6 [5]	6 [4]	6 [4]	7 [4]	
Dead per litter	0.39 ± 0.13 [31]	0.17 ± 0.08 [35]	0.17 ± 0.09 [36]	0.18 ± 0.10 [33]	0.21 ± 0.13 [34]	0.083-
Percent Male						
% Male in Dose ^{e,f}	51.9 [347]	50.0 [396]	48.6 [422]	58.2 [335]	50.4 [423]	
% Male per Litter ^b	51.0 ± 2.8 [27]	49.9 ± 2.0 [32]	50.3 ± 2.6 [34]	58.6 ± 3.1 [29]	48.7 ± 2.9 [34]	0.720+
Pup Body Weights(g)^{c,g}						
Male	7.31 ± 0.10 [27]	7.45 ± 0.10 [32]	7.40 ± 0.09 [34]	7.54 ± 0.12 [29]	7.30 ± 0.19 [33]	0.453-
Female	6.84 ± 0.10 [27]	7.11 ± 0.09 [32]	7.06 ± 0.09 [33]	7.29 ± 0.11 [28]*	6.89 ± 0.15 [34]	0.992-
Male+Female	7.07 ± 0.08 [30]	7.26 ± 0.09 [33]	7.31 ± 0.11 [35]	7.40 ± 0.10 [32]	7.09 ± 0.16 [34]	0.958-
Adjusted Pup Body Weights(g)^{c,h}						
Male	7.37 ± 0.09 [27]	7.45 ± 0.11 [32]	7.40 ± 0.08 [34]	7.41 ± 0.10 [29]	7.36 ± 0.14 [33]	0.362-
Female	6.89 ± 0.07 [27]	7.10 ± 0.09 [32]	7.08 ± 0.09 [33]	7.22 ± 0.08 [28]	6.89 ± 0.11 [34]	0.627-
Male+Female	7.15 ± 0.07 [30]	7.27 ± 0.09 [33]	7.31 ± 0.09 [35]	7.30 ± 0.10 [32]	7.11 ± 0.12 [34]	0.505-

a: P-value and direction of trend

b: Each dose was compared to the control with Shirley's test when a trend was present [P<.01 from Jonckheere's trend test] or with Dunn's test when no trend was present [* = P<0.05, ** = P<0.01]

c: Each dose was compared to the control with Williams' test when a trend was present [P<.01 from Jonckheere's trend test] or with Dunnett's test when no trend was present [* = P<0.05, ** = P<0.01]

d: Mean ± standard error [Number of litters] unless otherwise specified

e: 100 x (Number of live males in dose group)/(Number of live males and females in dose group) [Number of pups]

f: No statistics were performed on this endpoint

g: Litter weight of live pups at PND 1 / Live litter size on PND 1

h: Litter weight of live pups at PND 1 / Live litter size on PND 1 to obtain a mean pup weight per litter. Mean values are then adjusted for total number of live pups at PND 1.

i: Number of dead pups in dose [Number of litters with dead pups]

j: Dams that had differing total counts on PND 1 and PND 4 not included

k: Litters where the male/female pup counts were inconsistent between PND 1 and PND 4 were excluded from the male/female-specific endpoints.

l: One dam from the 10000 dosed group was removed from all endpoints due to unclear counts